

FIGURE 1

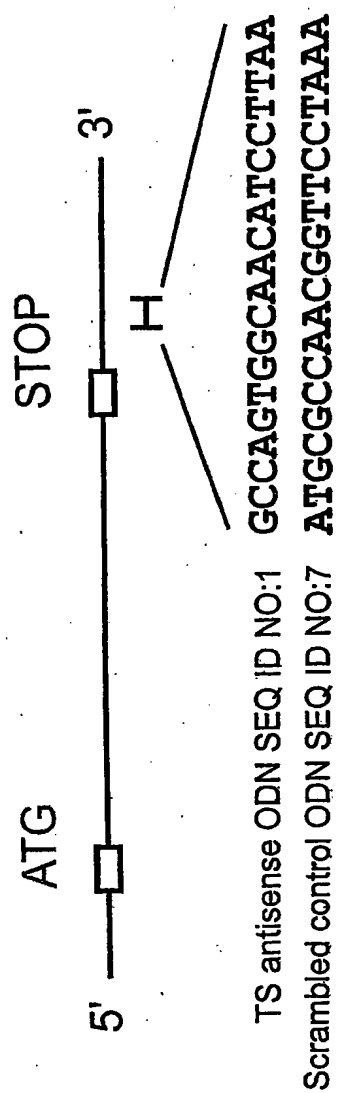
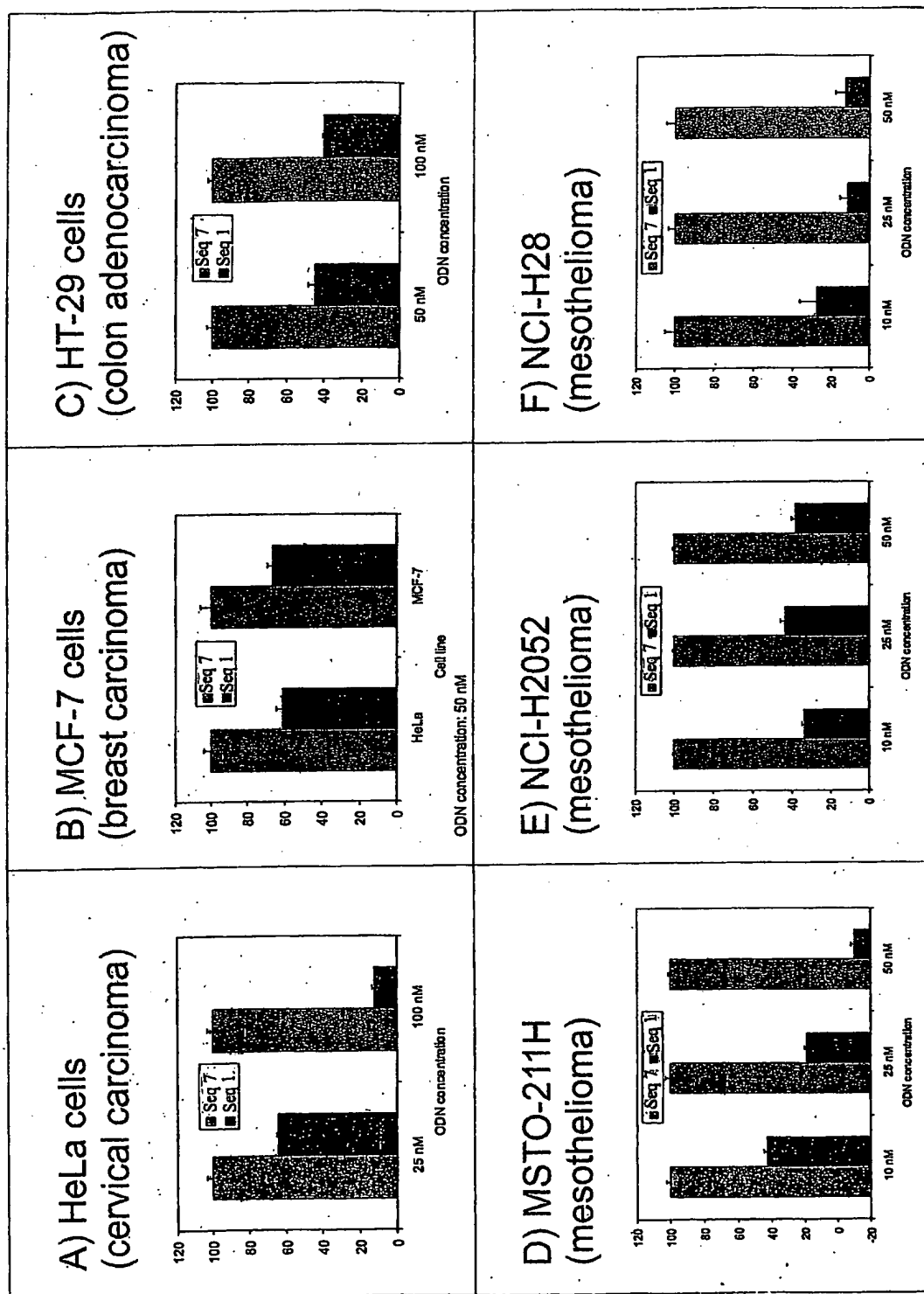


FIGURE 2



Cell proliferation rate (percent of control)

FIGURE 3

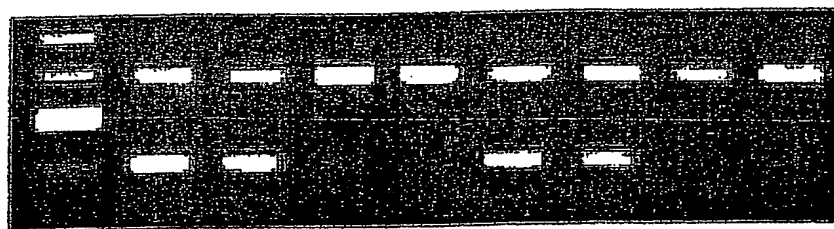
A

SEQ ID NO: 7 7 1 1 7 7 1 1

Time: 24 24 24 24 36 36 36 36

GAP ►

TS ▷



HeLa

B

SEQ ID NO: 7 7 1 1 7 7 1 1

Time: 24 48 24 48 24 48 24 48

GAP ►

TS ▷



HT-29

C

SEQ ID NO: 7 7 1 1 7 7 1 1

Time: 24 24 24 24 48 48 48 48

GAP ►

TS ▷



MCF-7

FIGURE 4

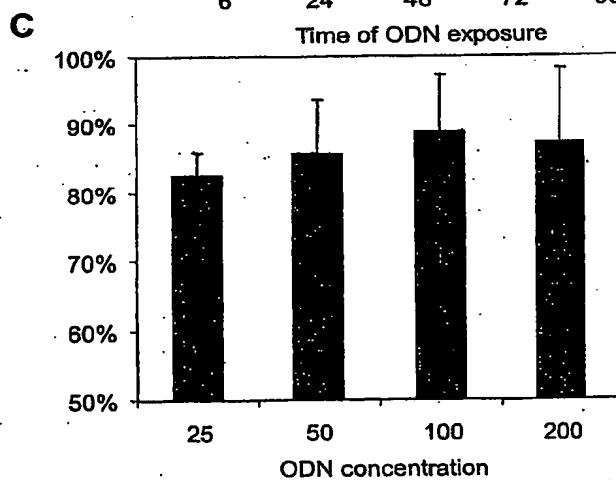
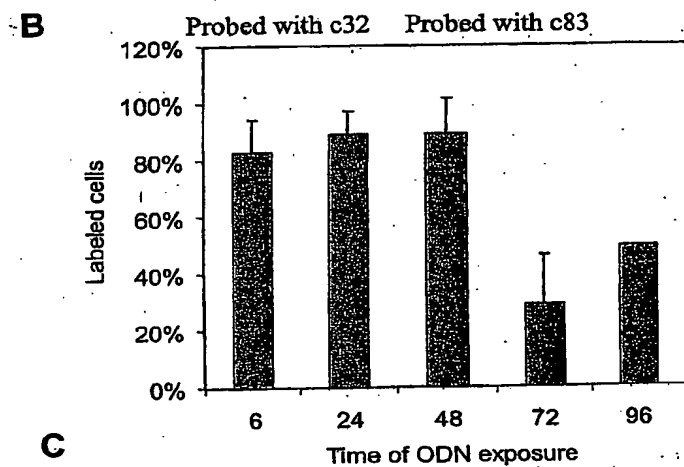
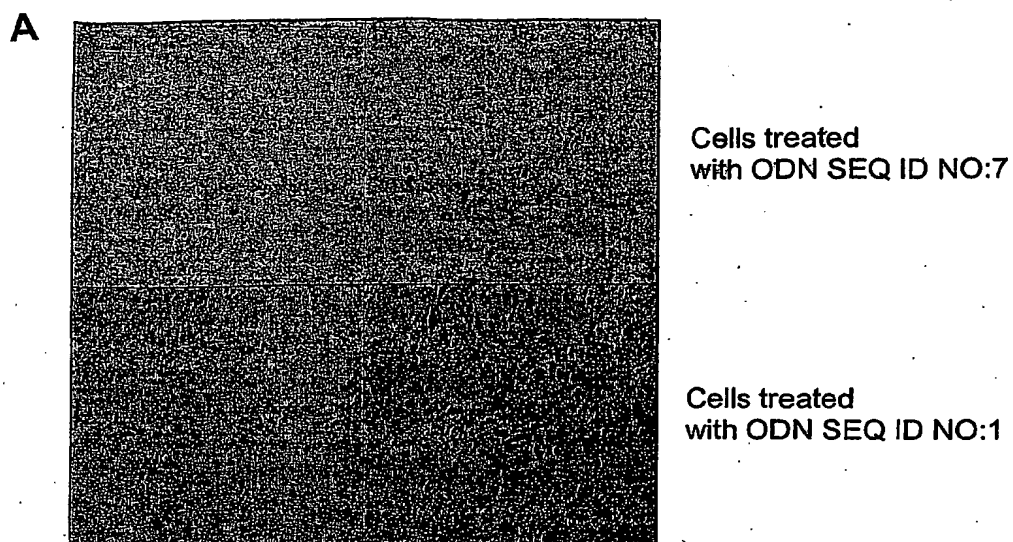


FIGURE 5

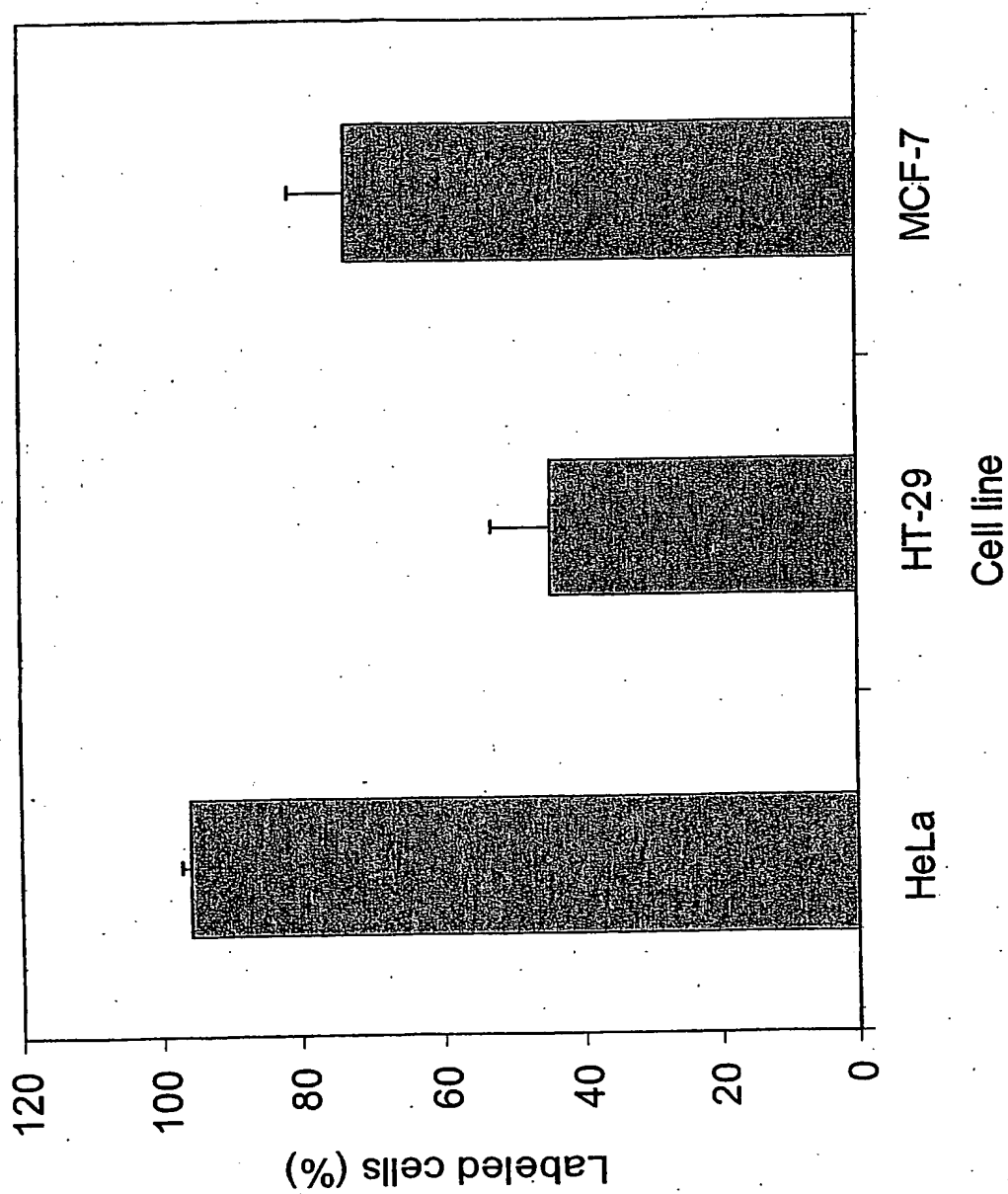


FIGURE 6

ODN SEQ ID NO:1 sensitizes HT-29 colon carcinoma cells to TS-targeting drugs

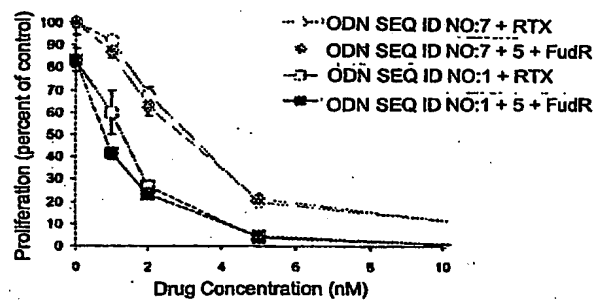
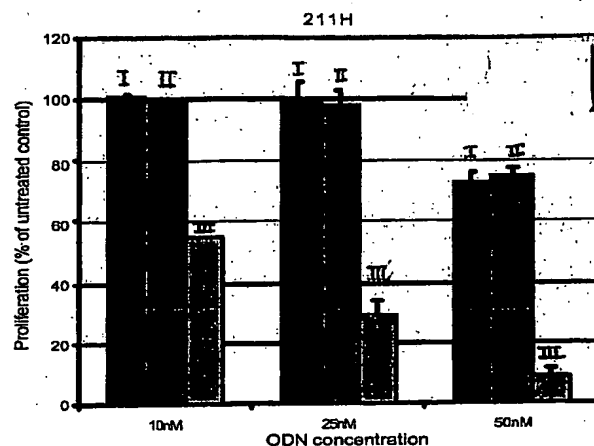
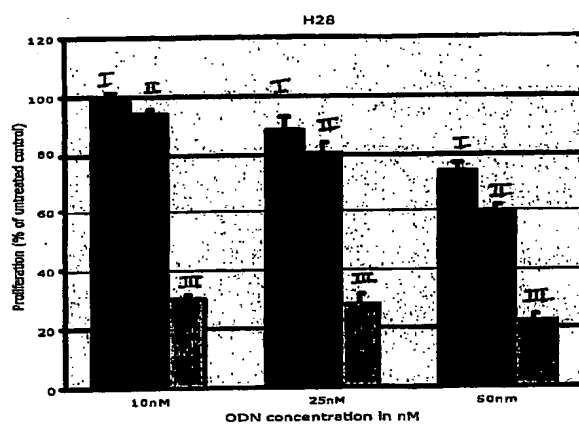


Figure 7 SEQ ID NO:1 Inhibits Proliferation of Mesothelioma Cells



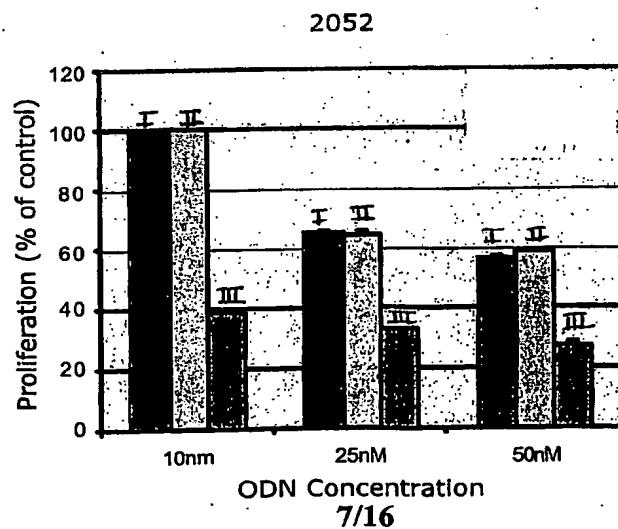
A

I FA alone  
II SEQ ID NO: 7  
III SEQ ID NO: 1



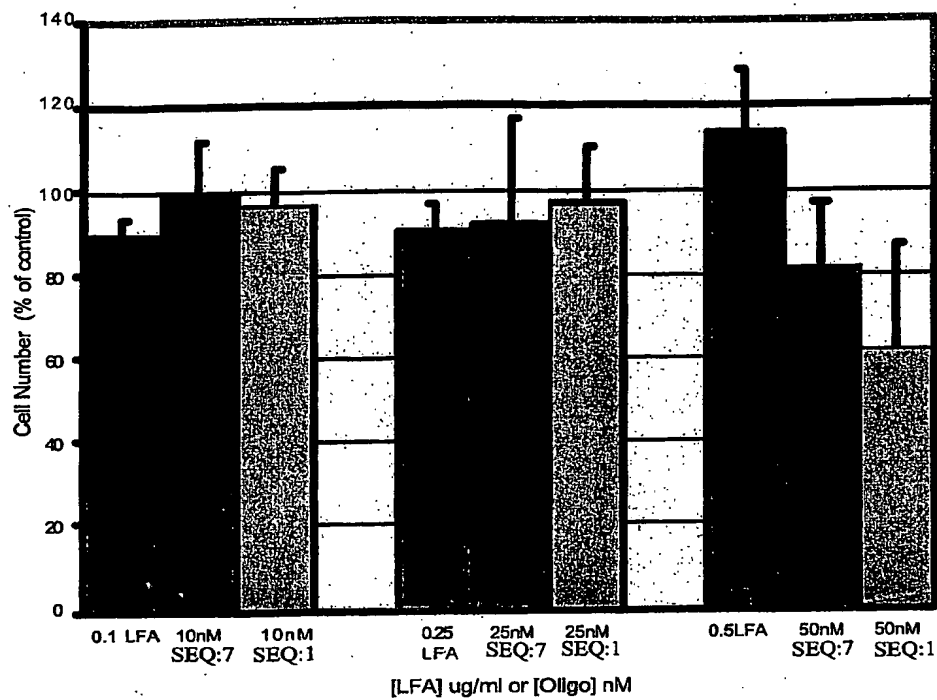
B

I FA alone  
II SEQ ID NO: 7  
III SEQ ID NO: 1

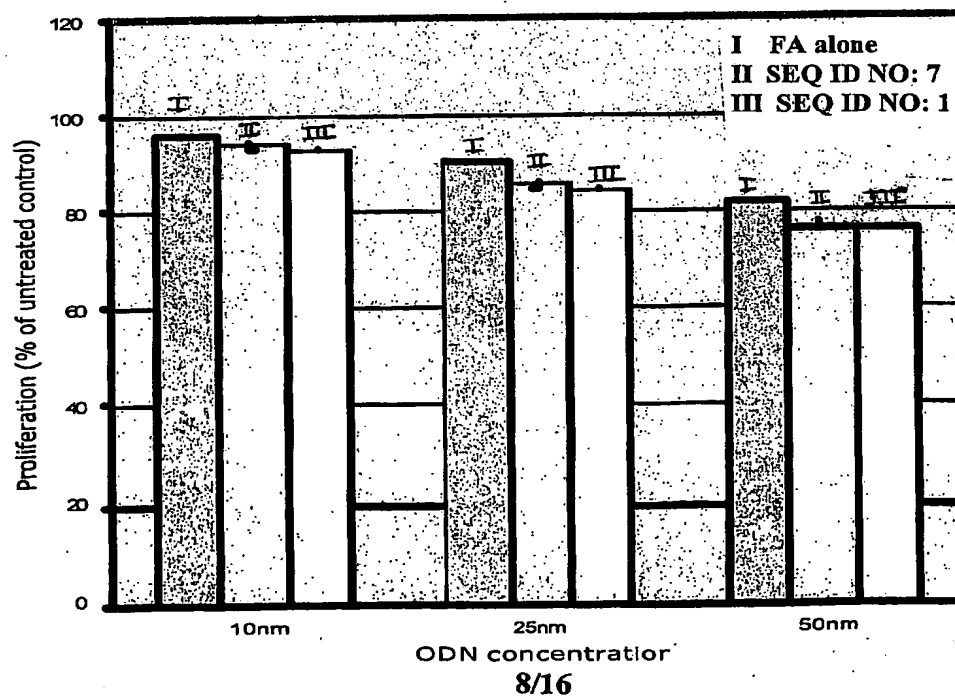


C

I FA alone  
II SEQ ID NO: 7  
III SEQ ID NO: 1

**Figure 7** MCF-7 breast carcinoma**D**

OV-90 Ovarian cancer

**E**



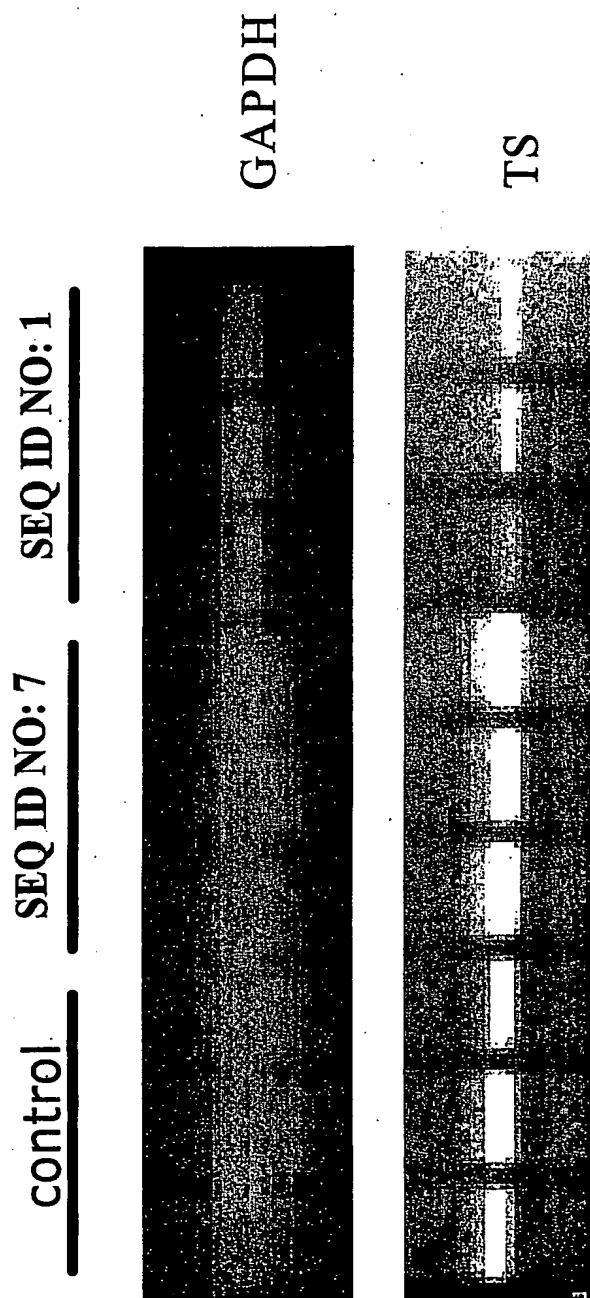
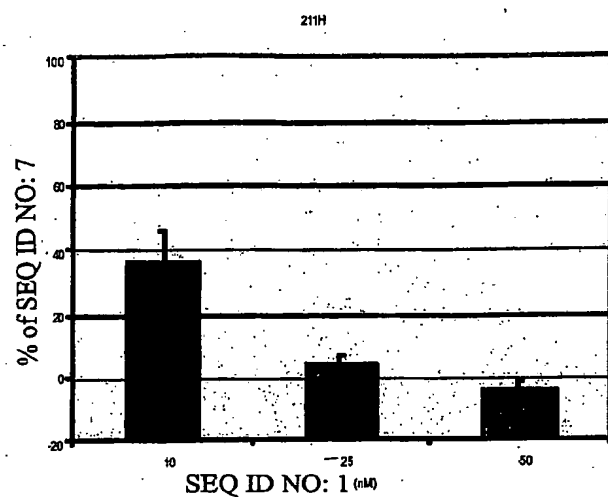
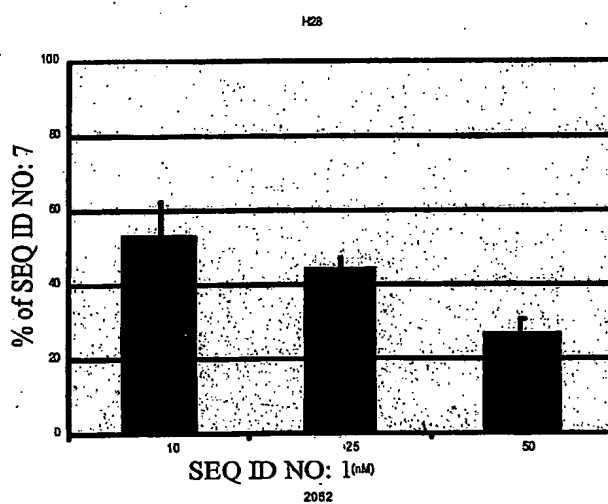


Figure 8

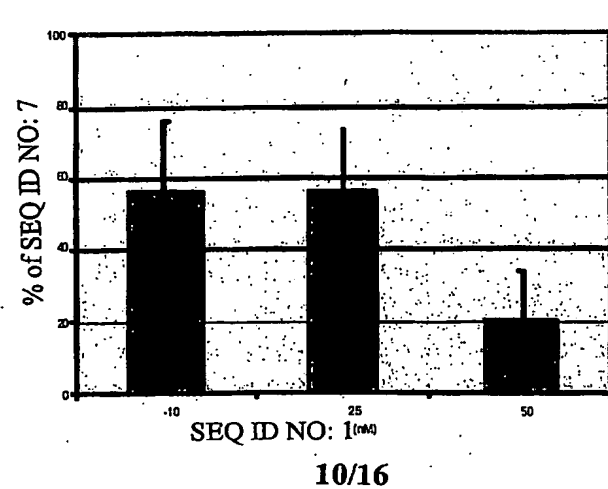
Figure 9



A

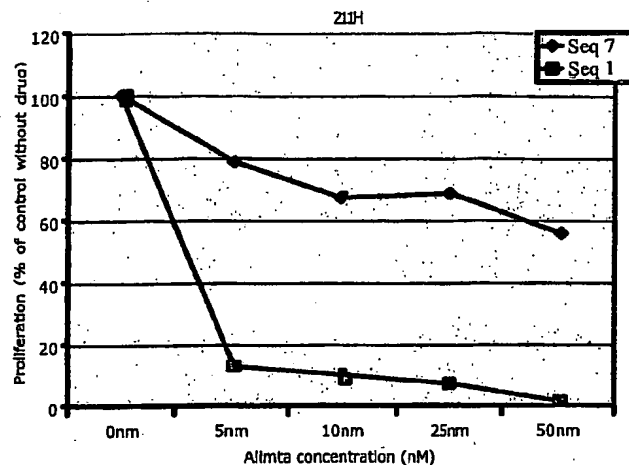


B

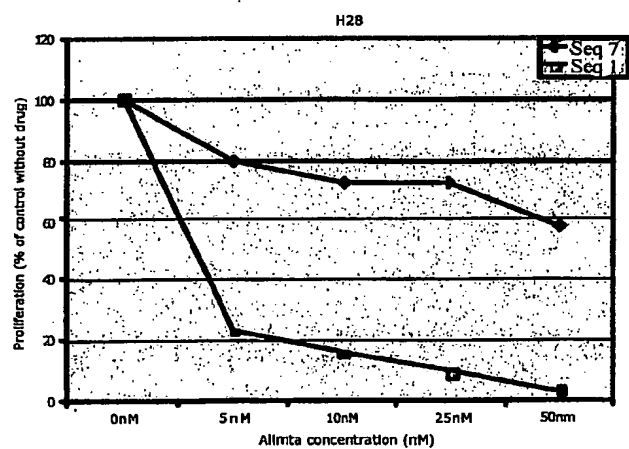


C

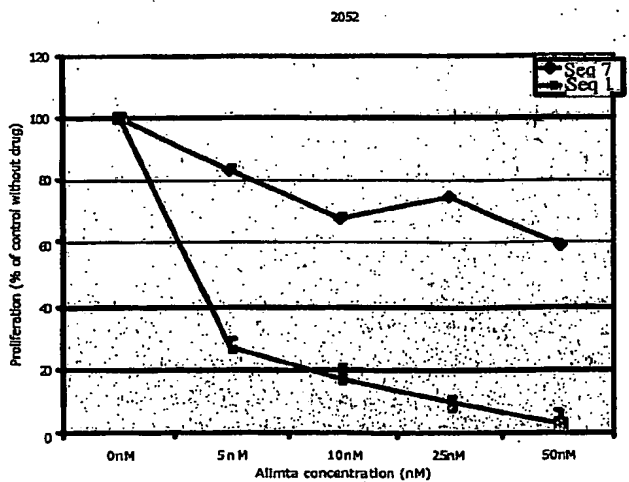
Figure 10 SEQ ID NO:1 Enhances ALIMTA Cytotoxicity



A



B



C

Figure 10  
MCF-7 breast carcinoma

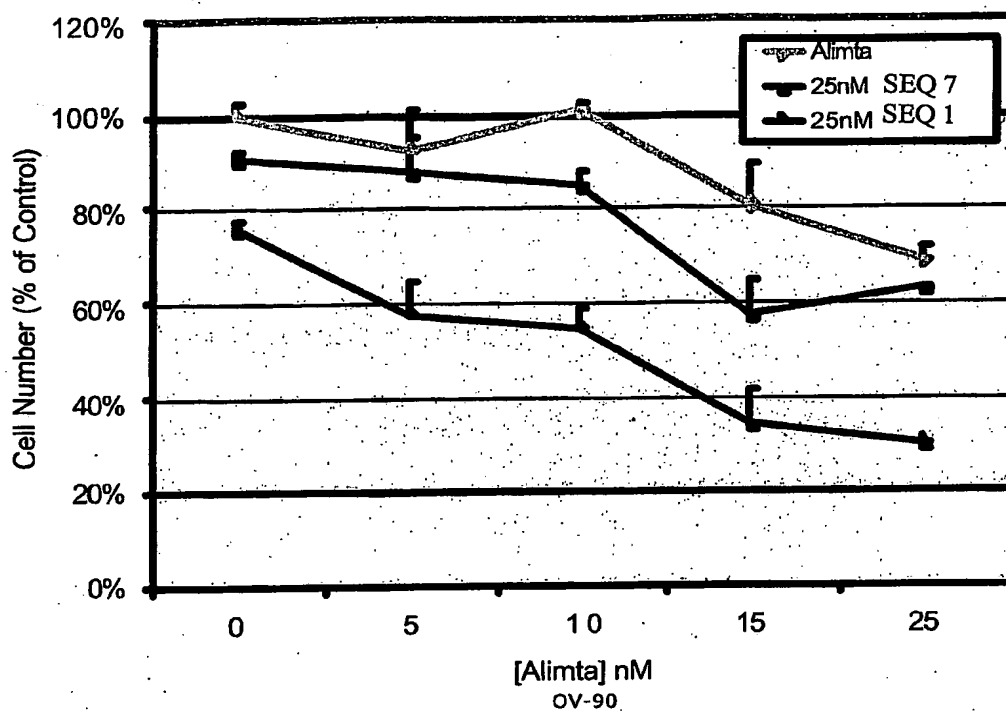
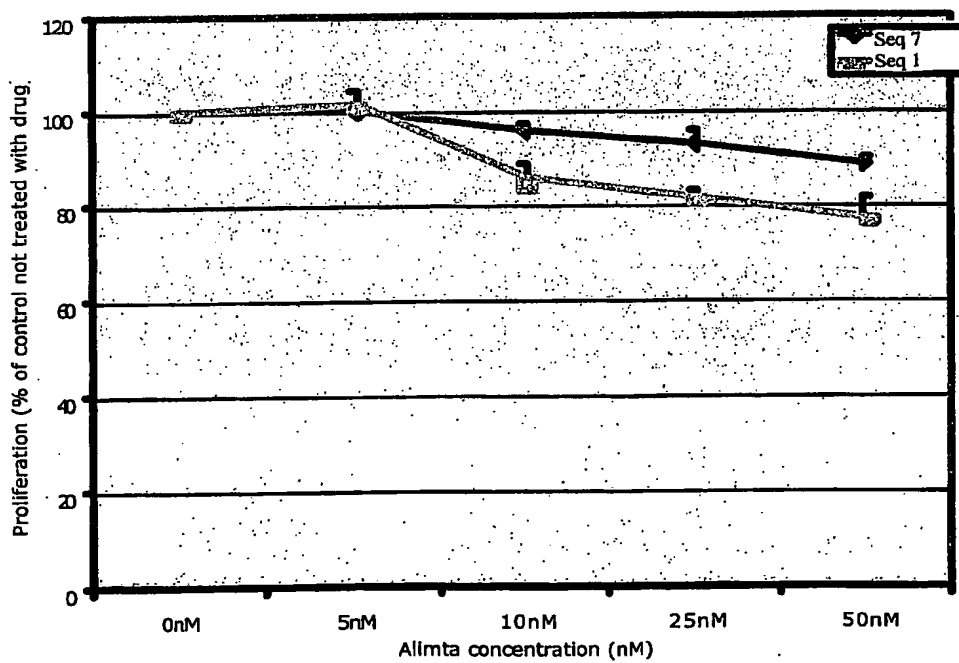
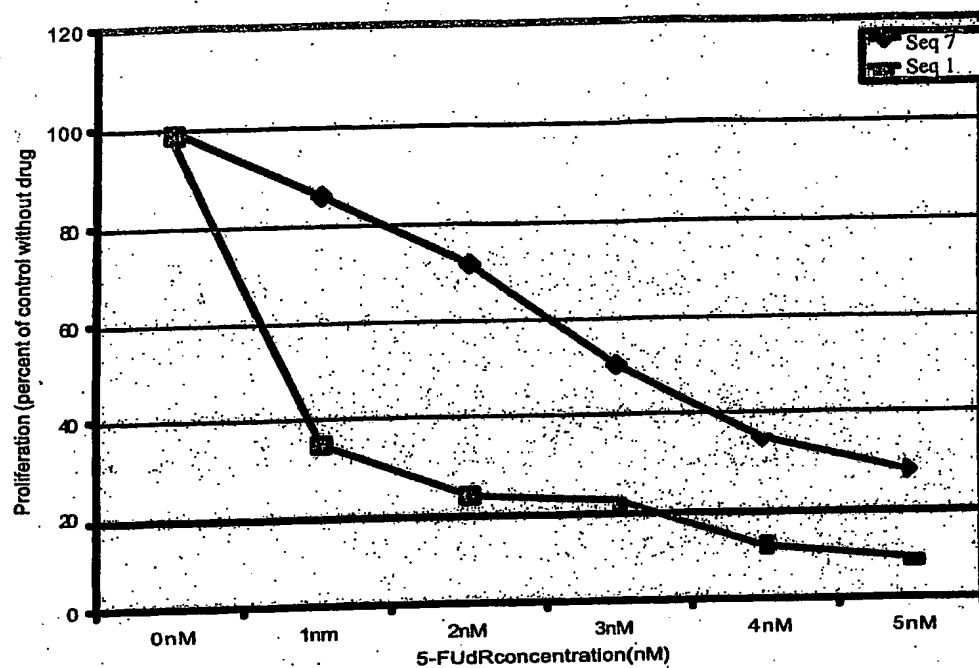
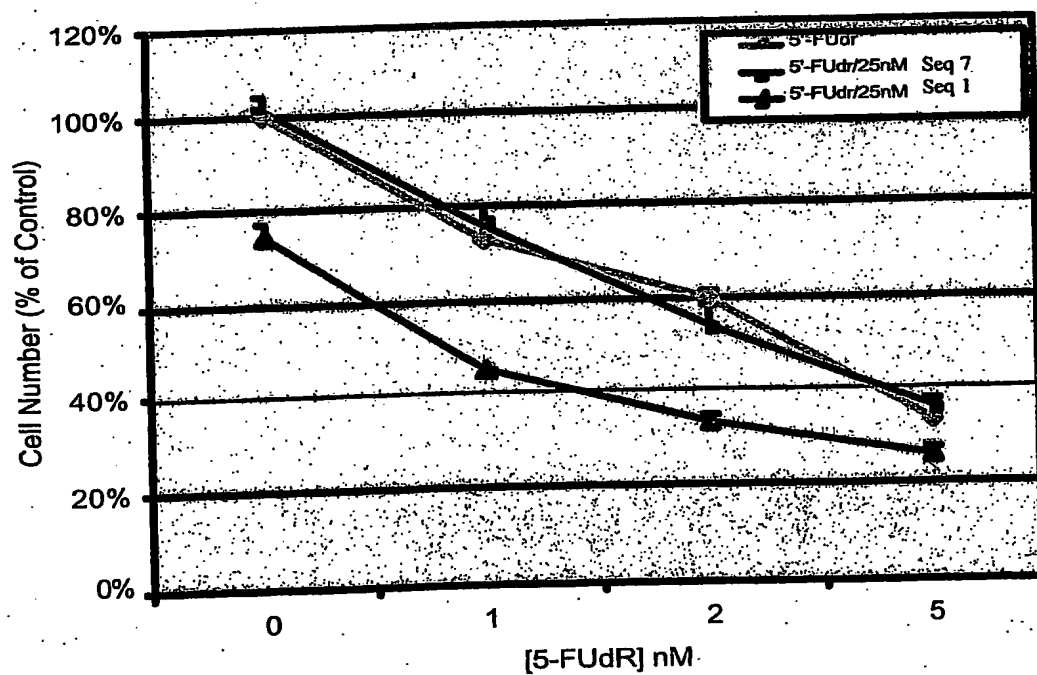
**D****E**

Figure 11

2052



MCF-7 breast carcinoma

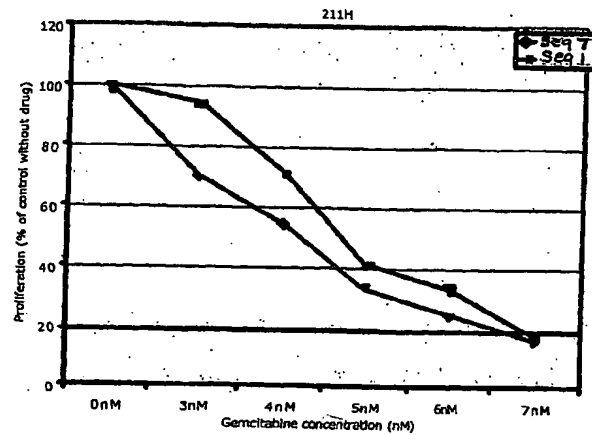


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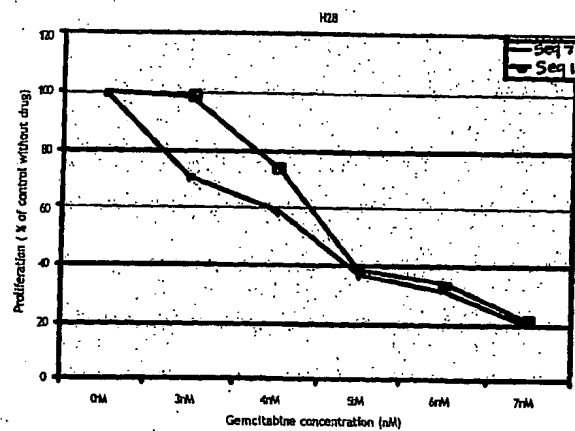
Figure 12

**SEQ ID NO:1 Does Not Affect  
Gemcitabine Cytotoxicity**

A



B



C

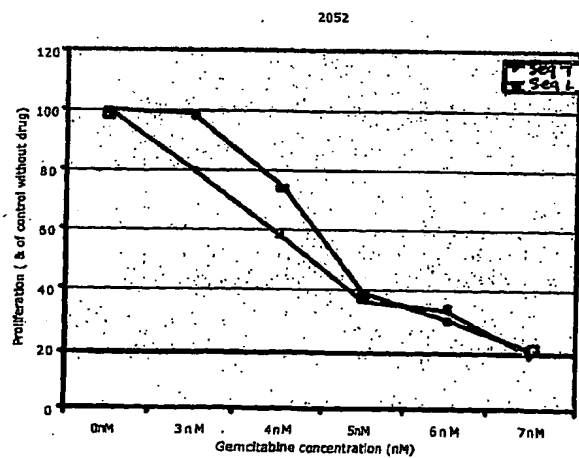


Figure 13

gi|37478|emb|X02308.1|HSTSYN1 Human mRNA For Thymidylate Synthase (EC 2.1.1.45)

GGGGGGGGGGGGGACCACTTGGCCTGCCTCCGTCCCGCCGCGCCACTTGGCCTGCCTCCGT  
CCCGCCGCGCCACTTGCCTGCCTCCGTCCCGCCGCGCCACTTGCCTGTGGCCGGCT  
CGGAGCTGCCGCGCCGGCCCTTGCCCCCGCCGCGCAGGAGCGGGACGCCGAGCCGCGTC  
CGCCGCACGGGGAGCTGCAGTACCTGGGGCAGATCCAACACATCCTCCGCTGCGGGCTCA  
GGAAGGACGACCGCACGGGCACCGGCACCCCTGTCGGTATTCGGCATGCAGGCGCGCTACA  
GCCTGAGAGATGAATTCCCTCTGCTGACAAACCAAACGTGTGTTCTGGAAGGGTGTGTTTGGG  
GGAGTTGCTGTGGTTTATCAAGGGATCCACAAATGCTAAAGAGCTGTCTTCCAAGGGAGT  
GAAAATCTGGGATGCCAATGGATCCCGAGACTTTTTGGACAGCCTGGGATTCTCCACCAG  
AGAAGAAGGGGACTTGGGCCCAGTTTATGGCTTCCAGTGGAGGCATTTTGGGGCAGAATA  
CAGAGATATGGAATCAGATTATTCAGGACAGGGAGTTGACCAACTGCAAAGAGTGATTGA  
CACCATCAAAACCAACCCCTGACGACAGAAGAATCATCATGTGCGCTTGGAATCCAAGAGA  
TCTTCCTCTGATGGCGCTGCCTCCATGCCATGCCCTCTGCCAGTTCTATGTGGTGAACAGT  
GAGCTGTCCTGCCAGCTGTACCAGAGATCGGGAGACATGGGCCTCGGTGTGCCTTTCAAC  
ATCGCCAGCTACGCCCTGCTCACGTACATGATTGCGCACATCACGGGCCTGAAGCCAGGT  
GACTTTATACACACTTTGGGAGATGCACATATTTACCTGAATCACATCGAGCCACTGAAAA  
TTCAGCTTCAGCGAGAACCCAGACCTTTCCCAAAGCTCAGGATTCTTCGAAAAGTTGAGA  
AAATTGATGACTTCAAAGCTGAAGACTTTCAGATTGAAGGGTACAATCCGCATCCAACCTA  
TTAAAAATGGAAATGGCTGTTTAGGGTGCTTTCAAAGGAGCTTGAAGGATATTGTCACTCTT  
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GGTCAAAAATCTGTCCGTGACCTATCAGTTATTAATTTTAAGGATGTTGCCACTGGCAAA  
TGTAACCTGTGCCAGTTCTTTCCATAATAAAAGGCTTTGAGTTAACTCACTGAGGGTATCTG  
ACAATGCTGAGGTTATGAACAAAGTGAGGAGAATGAAATGTATGTGCTCTTAGCAAAAAC  
ATGTATGTGCATTTCAATCCCACGTACTTATAAAGAAGGTTGGTGAATTTACAAGCTATT  
TTTGGAATATTTTGAATATTTTAAGAATTTCAAGCTATTCCTCAAATCTGAGGGAG  
CTGAGTAACACCATCGATCATGATGTGAGTGTGTTATGAACCTTATAGTTGTTTATAT  
GTTGCTATAATAAAGAAGTGTTCTGC